

**CLAIMS**

What is claimed is:

- 1           1.       A digital subscriber line (DSL) modem receiver having customizable  
2 performance characteristics, comprising:  
3           means for negotiating a performance parameter for optimization;  
4           means for determining a net signal-to-noise ratio;  
5           means for establishing a transmission power level between a DSL modem  
6 transmitter and the DSL modem receiver based upon the net signal-to-noise ratio; and  
7           means for requesting an adjustment in the performance parameter based on the net  
8 signal-to-noise ratio.